Jean B Packin to be noticed to fine by John me contry

Cost Proposal

Catoctin Furnace

Archaeological Services

U.S. Route 15

Frederick County

Contract Number F 522-083-771

SALVAGE AND MITIGATION PROJECT

Kenneth G. Orr, Ph.D. Orr and Son, Consulting Archaeologist 2221 Cowan Bloulevard Fredericksburg, Virginia 22401

Prepared For: Bureau of Consultant Services Maryland State Highway Administration Baltimore, Maryland

# Summary of Costs

# Consultant's Team

Labor	\$21,387.68	
Direct Costs	12,226.00	
Outside Specialists	- <del>9,279.00</del>	9984.00
Total	\$42,892.68	\$ <del>-42,893</del>
	•	43597.68

# Team 'A'

Labor	•	\$26,084.80	27849.60
Direct Costs	,	26,128.00	
Total		\$52,222.80	<del>-52,223</del>
		•	53977.60

# Team B'

Labor Direct Costs	 \$20,361.92 7,974.00	9078.00
Total	\$28,335.92	28,336
		32119.12

PROJECT TOTAL

\$123,452 129694.40

#### CONSULTANT'S TEAM

# Rates

Project Director	Total:	18.75/hr
Principal Investigator	Total:	15.68/hr
Chief Assistant	Total:	7.84/hr
Field Assistant	Total:	5.23/hr
Typist/Draftsman	Total:	5.23/hr

# Fee Derivation

Check Numbers 4, 2, 9, 11, 12, 15, 17, 19

Fieldwork/Laboratory:	Hours	Cost
Project Director Principal Investigator Chief Assistant	360	2,100.00 3,888.64 2,822.40
Field Assistant	360	1,882.80
6 Laborers, provided by SHA	2160	0
1 Backhoe and Operator, provided by SHA	96	0

# 22 cores to be drilled by SHA

	Subtotal		\$10,693.84
Research/Report Prepara	tion:		
Project Director Principal Investigator Chief Assistant Typist/Draftsman	Subtotal	112 248 360 360	2,100.00 3,888.64 2,822.40 1,882.80 \$10,693.84
	Total Lab	or	\$21,387.68

# Direct Costs:

· · · · · · · · · · · · · · · · · · ·		*	and the second s
Transportation:	325 Mile/Week @ 14¢ Mile 12 Weeks	546.00	
Per Diem:	Project Director/Principal Investigator Lodging, 48 days @ \$23/Day Food, 60 days @ \$12/Day	1,104.00 720.00	
Field Lab Rental:	350/Month, 6 Months	2,100.00	
Field Supplies		300.00	
Photo Supplies a	nd Development/Printing	275.00	
Communications:	(Telephone Mail)	150.00	TR des-
Transit, Tripod and Rod Rental:	100/Month, 3 Months	300.00	
	Wind Screen (2-x-4's and plastic) materials h covers (used plywood) eports:	30.00	John Coller
	Consultant's Team Sites, Preliminary, 4 copies, unbound	50.00	
	Project Director's Report, all sites, Preliminary, 4 copies, unbound	130.00	
	Project Director's Report, all sites, Final, 11 copies, bound	500.00	
Rental of Electr Typewriter:	ic 30 Days	50.00	
Field Laboratory Equipment for Treatment of			
Finds:	(Chemicals, Treatment Equipment, Tables, Chairs)	800.00	
	e reburial of bodies ck Number 6 and Check	5,000.00	
		3,000.00	

april 9, 1937

Transportation of	Skeletal Material from
Check Number 6 to	Smithsonian Insitution
for Analysis; 150	Miles @ 14¢/Mile

21.00

Research References (books, xerox copies)

150.00

Total Direct Cost \$12,226.00

#### Outside Specialists

1. Geological Consultant: Dr. John L. Fauth SUNY/Cortland. The geologist will handle the geological aspects of Check Number 12, iron ore mines, and Check Number 11, race pond, and the limestone quarries (Checks 9, 19)

Geologist: \$15.00/Hour, 120 Hours 1,800.00 2280.00

Transportation: 800 Miles @ 14¢ Mile x 3 336.00

Per Diem: Lodging, 12 days @ \$23/Day 276.00 Food, 15 days @ \$12/Day 180.00

2. Botanist Consultant: A botanist to be selected with the help of Dr. Fauth, Geologist, will identify the flora evident in Check Number 11, race pond, cores.

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Botanist: \$15.00/Hour, 40 Hours 600.00

3. Conservator: A conservator from the Smithsonian Institution is to assist in setting up a field lab for processing artifacts.

Conservator: \$6.25/Hour, 64 Hours 400.00

Transportation: 200 Miles @ 14¢ Mile x 8 224.00

Per Diem: Lodging, 2 days @ \$23/Day 46.00
Food, 8 days @ \$12/Day 96.00

The house containing the field laboratory will be in the care of Ronald and Rita Orr, Consultant's Team. They will reside in the house rent and heat free for the entire period of the Project. (See Direct Cost above).

4. Physical Anthropologist: Dr. Lawrence Angel, Curator of Physical Anthropology, the Smithsonian Institution has indicated willingness

8 1152

to analyse the skeletal materials from Check Number 6, burial ground. There will be no charge for this service. The transportation costs of getting the bones to Dr. Angel and return is given above under Direct Costs.

5. Ceramist: Ms. Betty Cosans, Ceramist, 122 East
Gorgas Lane, Philadelphia 19119 will analyse the
ceramic materials found from all sites thereby
providing key data for chronological alignments
of the features. This analysis will take place
at her laboratory in Philadelphia. Two (2) field
visits will be undertaken to assist the ceramist in getting
the stratigraphic "set" of the diagnostic
sherds.

 Ceramist:
 \$7.50/Hour, 120 Hours
 900.00

 Transportation:
 300 Miles @ 14¢ Mile x 2
 84.00

 Per Diem:
 Food, 2 days @ \$12/Day
 24.00

6. Archivist: Edward Heite, Delaware State
Archivist has agreed to act as (1) consultant
on iron furnace culture (material culture and
ethnology), and (2) a reviewer of the final
project report.

Edward Heite: \$18.75/Hour, 120 Hours 2,250.00

Transportation: 250 Miles @ 14¢ Mile x 5 175.00

Per Diem: Lodging, 12 days @ \$23/Day 276.00 Food, 15 days @ \$12/Day 180.00

7. Photographer: Ron Houghton, Photographer, Centreville has agreed to photograph artifacts and key site features for the final project report.

64

.960.00 840.00 \$15.00/Hour, 56 Hours Ron Houghton: Transportation: 250 Miles @ 14¢ Mile x 2-4 140.00 -70.00161.00 Per Diem: 138.00 Lodging, 6 days @ \$23/Day 96.00 Food, 7 days @ \$12/Day <del>84.00</del> Supplies and 20 8x1: Photographs @ Equipment: \$5/Each 100.00 80 4x5" Photographs @ \$2.50/Each 200.00 Subtotal <del>-\$1,432.00-</del>

Team Total

\$42,892.68

# TEAM A

# Rates

•		· ·	
Principal Investigator			
Salary/Hour Overhead - 102.15% Subtotal Profit - 10% Total		$\begin{array}{r} 9.06 \\ 9.25 \\ \hline 18.31 \\ \underline{1.83} \\ 20.14 \end{array}$	
Chief Assistant			
Salary/Hour Overhead - 102.15% Subtotal Profit - 10% Total		$\begin{array}{r} 5.76 \\ \underline{5.88} \\ 11.64 \\ \underline{1.16} \\ 12.80 \end{array}$	6.26 6.40 12.66 1.27 13.93
Field Assistants			,
Salary/Hour Overhead - 102.15% Subtotal Profit - 10% Total		4-00 -4-09 -8-09 -8-89	4.50 4.60 9.10 .91 10.01
Typist/Draftsman			•
Salary/Hour Overhead - 102.15% Subtotal Profit - 10% Total	· · · · · · · · · · · · · · · · · · ·	$ \begin{array}{r} -4.50 \\ 4.59 \\ \hline 9.09 \\ -91 \\ 10.00 \end{array} $	5.00 5.11 10.11 1.01 11.12

# Fee Derivation

# Check Number 3

	Fieldwork/Laborat	ory:	Hours	Cost	
	Principal Investi Chief Assistant 4 Field Assistant 1 Backhoe and Ope provided by SHA	ts erator,	240 240 960 56	4,833.60 <del>3,072.00</del> <del>8,534.40</del> 0	9669.60
	provided by bin	Subto	tal	\$16,440.00	17846.40
	Research/Report I	Preparation:			
	Principal Investi Typist/Draftsman	igator Subto	320 320 tal	6,444.80 <del>3,200.00</del> \$ 9,644.80	3558.40 10003.20
		Total	Labor	\$26,084.80	27849.60
	Direct Costs				
	Report:	Preliminary, unbound; Fina unbound		300.00	
	Transportation:	400 Miles/Weel 6 Weeks	k @ 14¢ Mile	336.00	•
	Per Diem:	Lodging, 24 d x 6 Food, 30 days		3,312.00	
	Winterization of Site:	Temporary Tre	·		. • . •
•	Possible expansion of discovery of o			20,000.00	•
		Total	Direct Cost	\$26,138.00	:

Team Total

\$<del>52,222.8</del>0

53,985,00

#### TEAM B

#### . Rates

Principal Investigator	the same of the great
Salary/Hour Overhead - 20% Subtotal Profit - 10% Total	$ \begin{array}{r} 10.62 \\ \underline{2.12} \\ 12.74 \\ \underline{1.28} \\ 14.02 \end{array} $
Chief Assistant	
Salary/Hour Overhead - 20% Subtotal Profit - 10% Total	6.25 1.25 7.50 .75 8.25
Field Assistants	
Salary/Hour Overhead - 20% Subtotal Profit - 10% Total	4.75 .95 5.70 .57 6.27
Typist/Draftsman	.4
Salary/Hour Overhead - 20% Subtotal Profit - 10% Total	4.25 .85 5.10 .51 5.61

Cost Proposal

Catoctin Furnace

Archaeological Services

U.S. Route 15

Frederick County

Contract Number F 522-083-771

SALVAGE AND MITIGATION PROJECT

Kenneth G. Orr, Ph.D. Orr and Son, Consulting Archaeologist 2221 Cowan Bloulevard Fredericksburg, Virginia 22401

Prepared For: Bureau of Consultant Services

Maryland State Highway Administration

Baltimore, Maryland

# Summary of Costs

# Consultant's Team

Labor	\$21,387.68	
Direct Costs	12,226.00	
Outside Specialists	9,279.00	9984.00
Total	\$42,892.68	\$ 42,893
		43597.68

#### Team 'A'

Labor	\$26,084.80	27849.60
Direct Costs	26,128.00	
Total	\$52,222.80	<del>-52,223</del>
		53977.60

# Team 'B'

Labor Direct Costs	\$20,361.92 7,974.00	9078.00
Total	\$28,335.92	28,336
		32119.12

PROJECT TOTAL \$123,452 129694.40

#### CONSULTANT'S TEAM

#### Rates

Project Director		Total:	18.75/hr
Principal Investigator		Total:	15.68/hr
Chief Assistant	·	Total:	7.84/hr
Field Assistant		Total:	5.23/hr -
Typist/Draftsman		Total:	5.23/hr

# Fee Derivation

Check Numbers 4, 2, 9, 11, 12, 15, 17, 19

Fieldwork/Laboratory:	Hours	Cost
Project Director Principal Investigator Chief Assistant Field Assistant 6 Laborers, provided by SHA 1 Backhoe and Operator, provided by SHA	112 <del>204</del> 248 <u>360</u> 360 2160 96	2,100.00 3,888.64 2,822.40 1,882.80 0
•	•	•

22 cores to be drilled by SHA

# Research/Report Preparation:

Project Director	11	2,100.0	0
Principal Investigator	24		
Chief Assistant	36	2,822.4	0
Typist/Draftsman	36		
0/360	Subtotal	\$10,693.8	4
2 1/2 61, 3040	Total Labor	\$21,387.6	8

4/20 51/2 Months 21/4 months

# Direct Costs:

Transportation:	325 Mile/Week @ 14¢ Mile 12 Weeks	546.00
Per Diem:	Project Director/Principal	
	Investigator Lodging, 48 days @ \$23/Day Food, 60 days @ \$12/Day	1,104.00 720.00
Field Lab Rental:	350/Month, 6 Months	2,100.00
Field Supplies		300.00
Photo Supplies an	nd Development/Printing	275.00
Communications:	(Telephone Mail)	150.00
Transit, Tripod and Rod Rental:	100/Month, 3 Months	300.00
	Wind Screen (2 x 4's and plastic) materials covers (used plywood)	30.00
Publication of Re		
	Consultant's Team Sites, Preliminary, 4 copies, unbound	50.00
	Project Director's Report, all sites, Preliminary, 4 copies, unbound	130.00
	Project Director's Report, all sites, Final, 11 copies, bound	500.00
Rental of Electr Typewriter:	ic 30 Days	50.00
Field Laboratory Equipment for Treatment of		
Finds:	(Chemicals, Treatment Equipment, Tables, Chairs)	800.00
	e reburial of bodies ck Number 6 and Check	5,000.00

Transportation of Skeletal Material from Check Number 6 to Smithsonian Insitution for Analysis; 150 Miles @ 14¢/Mile

21.00

Research References (books, xerox copies)

150.00

Total Direct Cost \$12,226.00

#### Outside Specialists

1. Geological Consultant: Dr. John L. Fauth SUNY/Cortland. The geologist will handle the geological aspects of Check Number 12, iron ore mines, and Check Number 11, race pond, and the limestone quarries (Checks 9, 19)

Geologist:	\$15.00/Hour, -120 Hours	1,800.00	2280.00
Transportation:	800 Miles @ 14¢ Mile x 3	336.00	
Per Diem:	Lodging, 12 days @ \$23/Day Food, 15 days @ \$12/Day	276.00 180.00	
2 Potanist Con	anleane. A batanist to be		

2. Botanist Consultant: A botanist to be selected with the help of Dr. Fauth, Geologist, will identify the flora evident in Check Number 11, race pond, cores.

Botanist:	\$15.00/Hour,	40 Hours		600.00
•	•	•	•	

3. Conservator: A conservator from the Smithsonian Institution is to assist in setting up a field lab for processing artifacts.

Conservator:	\$6.25/Hour, 64 Hours	400.00
Transportation:	200 Miles @ 14¢ Mile x 8	224.00
Per Diem:	Lodging, 2 days @ \$23/Day Food, 8 days @ \$12/Day	46.00 96.00

The house containing the field laboratory will be in the care of Ronald and Rita Orr, Consultant's Team. They will reside in the house rent and heat free for the entire period of the Project. (See Direct Cost above).

4. Physical Anthropologist: Dr. Lawrence Angel, Curator of Physical Anthropology, the Smithsonian Institution has indicated willingness

to analyse the skeletal materials from Check Number 6, burial ground. There will be no charge for this service. The transportation costs of getting the bones to Dr. Angel and return is given above under Direct Costs.

5. Ceramist: Ms. Betty Cosans, Ceramist, 122 East Gorgas Lane, Philadelphia 19119 will analyse the ceramic materials found from all sites thereby providing key data for chronological alignments of the features. This analysis will take place at her laboratory in Philadelphia. Two (2) field visits will be undertaken to assist the ceramist in getting the stratigraphic "set" of the diagnostic sherds.

24.00

 Ceramist:
 \$7.50/Hour, 120 Hours
 900.00

 Transportation:
 300 Miles @ 14¢ Mile x 2
 84.00

Food, 2 days @ \$12/Day

6. Archivist: Edward Heite, Delaware State
Archivist has agreed to act as (1) consultant
on iron furnace culture (material culture and
ethnology), and (2) a reviewer of the final
project report.

Per Diem:

Edward Heite: \$18.75/Hour, 120 Hours 2,250.00

Transportation: 250 Miles @ 14¢ Mile x 5 175.00

Per Diem: Lodging, 12 days @ \$23/Day 276.00 Food, 15 days @ \$12/Day 180.00

7. Photographer: Ron Houghton, Photographer, Centreville has agreed to photograph artifacts and key site features for the final project report.

Ron Houghton: \$15.00/Hour, 56 Hours 840.00 960.00

Transportation: 250 Miles @ 14¢ Mile x 2 4 70.00 140.00

Per Diem: Lodging, 6 days @ \$23/Day 138.00 161.00 Food, 7 days @ \$12/Day 84.00 96.00

Food, 7/8 days @ \$12/Day 84.00

Supplies and Equipment: 20 8x+r" Photographs @ \$5/Each 100.00

80 4x5" Photographs @ \$2.50/Each 200.00

Subtotal \$1,432.00

Team Total \$42,892.68

# TEAM A

# Rates

	,
Principal Investigator	
Salary/Hour Overhead - 102.15% Subtotal Profit - 10% Total	$ 9.06 9.25 18.31  \underline{1.83} 20.14 $
Chief Assistant	
Salary/Hour Overhead - 102.15% Subtotal Profit - 10% Total	$\begin{array}{cccc} 5.76 & 6.26 \\ \underline{5.88} & \underline{6.40} \\ 11.64 & 12.66 \\ \underline{1.16} & \underline{1.27} \\ \underline{12.80} & 13.93 \end{array}$
Field Assistants	
Salary/Hour Overhead - 102.15% Subtotal Profit - 10% Total	$\begin{array}{r} 4.00 & 4.50 \\ -4.09 & 4.60 \\ \hline -8.09 & 9.10 \\ \hline -8.89 & 10.01 \\ \hline \end{array}$
Typist/Draftsman	
Salary/Hour Overhead - 102.15% Subtotal Profit - 10% Total	$\begin{array}{ccc} -4.50 & 5.00 \\ 4.59 & 5.11 \\ \hline 9.09 & 10.11 \\ \hline .91 & 1.01 \\ \hline 10.00 & 11.12 \end{array}$

# Fee Derivation

# Check Number 3

Fieldwork/Laboratory:	Hours	Cost	
Principal Investigator Chief Assistant 4 Field Assistants 1 Backhoe and Operator, provided by SHA	240 240 960 56	4,833.60 <del>3,072.00</del> 8,534.40	3343.20 9669.60
provided by ShA	Subtotal	\$16,440.00	17846.40
Research/Report Preparat	ion:		
Principal Investigator Typist/Draftsman	320 320 Subtotal	6,444.80 <del>3,200.00</del> <del>9,644.80</del>	3558.40 10003.20
	Total Labor	\$26,084.80	27849,60
Direct Costs			
	nary, 4 copies, ; Final, ll copie	300.00	
Transportation: 400 Mil 6 Week	es/Week @ 14¢ Mil s	.e 336.00	
xб	, 24 days @ \$23/D 0 days @ \$12/Day	3,312.00	
	ary Trench Covers		•
Possible expansion of Ch of discovery of conjectu	eck Number 3 in e	event 20,000.00	
	Total Direct Cos	st \$26,138.00	: .
	Team Total	\$52,222.80	

# TEAM B

# Rates

gator	
	$   \begin{array}{r}     10.62 \\     \underline{2.12} \\     12.74 \\     \underline{1.28} \\     14.02   \end{array} $
	$\begin{array}{r} 6.25 \\ \underline{1.25} \\ 7.50 \\ \underline{.75} \\ 8.25 \end{array}$
	4.75 .95 5.70 .57 6.27
	4.25 .85 5.10 .51 5.61
	gator

# Fee Derivation 5 Check Numbers 6, 7, 10, 16

Fieldwork/Laboratory:	Hours	Cost	•
Principal Investigator Chief Assistant 4 Field Assistants 1 Backhoe and Operator, provided by SHA	344 304 344 304 1376 <del>1216</del> 48	4,262.08 2,508.00 7,624.32	4822.88 2838.00 8627.52
	ubtotal	\$14,394.40	16288.40
Research/Report Preparatio	<u>n</u> :		
Principal Investigator Typist/Draftsman S	344 <del>304</del> 344 <del>304</del> ubtotal	4,262.08 1,705.44 \$ 5,967.52	4822.88 1929.84 6752.72
Т	otal Labor	<del>-\$20,361.92</del>	23041.12
Direct Costs:			
	ry, 4 copies; copies, unbound	400.00	
Transportation: 400 Miles	/Week 0 14¢ Mile 37	<del>392.00</del>	446.00
	<del>32</del> days @ \$23/Day 43 days @ \$12/Day <b>x</b>		5106.00 3096.00
Winterization Temporary Tof Sites: (2x4/, pl	rench Covers (Pl	ywood)  30.00	
T	otal Direct Cost	<del>\$ 7,974.00</del>	9078.00
T	eam Total	<del>\$28,335.92</del>	32119.12

#### Fee Derivation

#### Check Numbers 6, 7, 15, 16



Fieldwork/Labora	tory:		Hours	Cost	
Principal Invest Chief Assistant 4 Field Assistan 1 Backhoe and Op provided by SH	ts erator,	Subtotal	304 304 1216 48	4,262.08 2,508.00 7,624.32 0 \$14,394.40	
Research/Report	Preparat	ion:			
Principal Invest Typist/Draftsman	_	Subtotal	304 304	4,262.08 1,705.44 \$ 5,967.52	
		Total Lab	oor	\$20,361.92	
Direct Costs:		•			
Report:		nary, 4 co 11 copies,		400.00	) 2
Transportation:	400 Mil 7 Wee	les/Week @	14¢ Mile	392.00	)
Per Diem:	Х	3, 32 days 6 38 days 0		4,416.00	
Winterization of Sites:	(2x41,	plastic w	ind screer	n) <u>30.00</u>	<u> </u>
	•	Total Di	rect Cost	\$ 7,974.00	)
•				400 005 01	

I certify that an archaeological team (Team B) under my direction is prepared to carry out archaeological operations at Checks 5, 6, 7, and 16, Maryland State Highway Administration U.S. 15 (Catoctin Furnace) Archaeological Salvage and Mitigation Project, on or about June 1, 1979, and to complete the project within a period of 6 months, in accordance with the above rates and fees.

Team Total

Ronald Thomas, President
MidAtlantic Archaeological Research, Inc.

\$28,335.92

Mary Joan Phomas

February 27, 1979 (Date)

(Please attach vitae of principal investigator and chief assistant)

#### Outside Specialists, Consultant's Team

4. Physical Anthropologist: Dr. Lawrence Angel, Curator of Physical Anthropology, the Smithsonian Institution has indicated willingness to analyse the skeletal materials from Check Number 6, burial ground. There will be no charge for this service. The transportation costs of getting the bones to Dr. Angel and return is given above under Direct Costs.

I certify that I will undertake the above assignment for the Maryland State Highway Administration Salvage and Mitigation Project at no cost to the project, and will be available for this purpose during the period July 1-Nov. 1, 1979.

J. Lacerence Angel

Lawrence Angel, Ph.D.
Curator of Physical Anthropology
Division of Anthropology
Museum of Natural History
Smithsonian Institution,
Washington, D.C.

time for restoration and study will be longer if there are many sheletons. 514 3/2/79

#### Outside Specialists. Consultant's Team

Ceramist: Ms. Betty Cosans, Ceramist, 122 East Gorgas Lane, Philadelphia 19119 will analyse the ceramic materials found from all sites thereby providing key data for chronological alignments of the features. This analysis will take place at her laboratory in Philadelphia. Two (2) field visits will be undertaken to assist the ceramist get the stratigraphic "set" of the diagnostic sherds.

Ceramist: \$7.50/Hour, 120 Hours 900.00 Transportation: 300 Miles @ 14¢ Mile x 2 84.00 Food, 2 days @ \$12/Day Per Diem: 24.00

I certify that I will undertake the above assignment for the Maryland State Highway Administration Salvage and Mitigation Project at the specified rate and fees, and will be available for this purpose during the period June A-Oct. 1, 1979.

> Ms. Befty Cosans, Ceramist 122 East Gorgas Lane, Philadelphia. La.

Date

Charge of address: 80 B. CENTRAL AVE. BERWYN, PA.

PHONE: 215-N:4-5590

#### Outside Specialists, Consultant's Team

Archivist: Edward Heite, Delaware State Archivist has agreed to act as (1) consultant on iron furnace culture (material culture and ethnology), and (2) a reviewer of the final project report.

2,250.00 \$18.75/Hour, 120 Hours Edward Heite:

250 Miles @ 14¢ Mile x 5 175.00 Transportation:

276.00 Lodging, 12 days @ \$23/Day Per Diem: Food, 15 days @ \$12/Day

180.00

I certify that I will undertake the above assignments for the Maryland State Highway Administration Salvage and Mitigation Project at the specified rate and fees and will be

available for this purpose during the period June 1-Oct. 1, 1979.

Edward Heite, Chief

#ureaulof Archives and Records State of Delaware

Camden, Del.

Notacting in my Official Capacity

#### Outside Specialists, Consultant's Team

1. Geological Consultant: Dr. John L. Fauth SUNY/Cortland. The geologist will handle the geological aspects of Check Number 12, iron ore mines, and Check Number 11, race pond, and the limestone quarries (Checks 9, 19)

Geologist:	\$15.00/Hour, 120 Hours	1,800.00	اسا
Transportation:	800 Miles @ 14¢ Mile x 3	336.00	V
Per Diem:	Lodging, 12 days @ \$23/Day Food, 15 days @ \$12/Day	276.00 180.00	ر اس

2. Botanist Consultant: A botanist to be selected with the help of Dr. Fauth, Geologist, will identify the flora evident in Check Number 11, race pond, cores.

Botanist: \$15.00/Hour, 40 Hours 600.00

I certify that I will undertake the above assignments for the Maryland State Highway Administration Salvage and Mitigation Project at the specified rate and fees and will be available for this purpose during the period June 1-Oct. 1, 1979.

> Yohn L. Fauth, Ph.D. Professor of Geology SUNY/Cortland

Date

Land Records Study (January -	March)		
K. G. Orr (Project Director)			
average one day per week		\$1200.00	
Edward Heite (Project Superv		61200 00	
average one day per week		\$1200.00	A Editories
Marie Burns (Principal Reseated 280 hrs. @ \$6.50/hr.	rcher)	\$1820.00	
Gregg Burns (Cartographer)		Y 1020 .00	
168 hrs. @ \$6.50/hr		\$1092.00	
	Assistant)		
140 hrs. @ \$5.00/hr.		\$ 700.00	
Typist			35
80 hrs. @ \$5.00/hr.	0.1	\$ 400.00	@+
	Salaries	\$6412.00	A
Expenses			
Transportation		\$ 192.00	
Photo reproduction		\$ 125.00	
Xeroxing		\$ 150.00	
Drafting Supplies		\$ 250.00	
Office Supplies	Expenses	\$ 125.00	
	Expenses	7 042.00	
	LAND RECORDS PROJECT	*** \$7254.00 *	**
Oral History Project (Januar		The same of the sa	Rub.
	or and Principal Interviewer) informants (specify with whom)	2700	(a) 3 40
80/60 120 hours	784 Supervision of and come in	\$1500-2250	7.04
	a and report preparation	mese	
120-160 hours		\$2250-3000	Remember inter
	Interviewer, Transcriber/Typis	st) 200-11-	7
* interviews with		1 200	
40-60 hours @ \$6		\$ 260-390	f¥.
* transcription (r 160-200 hours @	elevant data only) and typing	\$ 800-1000	
100-200 Hours &	Salaries	\$4810 - 6640	
	balaries	5154	
Expenses		2127	Ser.
Recorder rental		\$500.00	4
Cassettes		\$150.00	
Typewriter rental		\$200.00	
Office Supplies		\$150.00	
Transportation	Emongo	\$250.00 \$1250.00	0 2
Transportation	Expenses	\$1250.00	
	ORAL HISTORY PROJECT	***\$6060-7890 **	*
520		70000.7000	
7			

```
Project Management & Final Report Synthesis
 K. G. Orr (Project Director)
       * March-August: circa 1-2 days per week to coordinate
     with Townsend and Thomas during their fieldwork and
         report preparation and to integrate and interpret all
         project data.
                            4 @ 1875 5.68 h
                                                             $3600-7200
         192-384 hours
       * September-October: prepare final report, collating
         and summarizing entire SHA endeavor
         320 hours
                                                             $6000.00
 Ron Orr (Chief Assistant) 370 6 ts.68h
       * March-August: circa 1-2 days per week to assist
    Ken Orr with administrative/coordinative duties *
         192-384 hours 284
                                                             $1505-3010
       * September-October: assist Ken Orr with final
         report synthesis and preparation
                                                              $ 627-1254
         80-160 hours
 Rita Orr (Lab Assistant)
       * March-October: circa 2-4 weeks to assist in the
         field lab during Townsend's and Thomas' fieldwork
         and during final report preparation
                                                              $ 420- 840
         80-160 hours
                                      Salaries
 Special Consultants
       Lawrence Angel (Physical Anthropologist)
                                                             Gratis
       Edward Heite (Industrial Archeologist & Archivist):
            circa 1/2 time for consultation on general iron
                                                               1200,00
            furnace technology (remainder of time spent on
           Land Records project) by hon mothy gelm
                                                              $1050.00
                                                              $ 200.00
            -Transportation
                                          16 dias @ 12
                                                              $ 276.00 3
            -Per Diem -- Lodgings
                        Food
                                                              $ 180.00
      Ron Houghton (Photographer)

Salary

Transportation

Per Diem - Lodgings
                                                              $ 960.00
                                                              $ 160.00
            Per Diem -- Lodgings
                                                              $ 161.00
                                                              $ 96.00
                       Food
            Supplies -- 8 x 10 200
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                       4 x 5 - 800 250 Mg
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                                      Special Consultants
 Expenses
                                             6250mi @ 16 $1000.00
111 day @ 27/d $ 600- 720 1323
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       Transportation (probably)
       Per Diem (Project Director) -- Food
       Field Lab
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           Rent
                                                              $ 500.00
                                                              $ 100- 200 400
           Electricity (probably)
           Water
                                                              $ 100.00
       Lab Supplies
                                                              $ 300.00
       Photo Supplies
                                                              $ 275.00
                                                             $ 150.00 250 300
       Communications
                                                              $ 300.00 200 500
       Report Duplication
                                                               75.00 4000 1500
       Typewriter Rental
                                        Expenses
                                                              $5875-6095
```

TOTAL PROJECT MANAGEMENT \*\*\* \$21410-27782

Cutywith - Mont 25 mil aller - 40

LAND RECORDS PROJECT ORAL HISTORY PROJECT PROJECT MANAGEMENT

\$ 6,060 - 7,890 \$21,410 - 27,782

\$ 7254.00

TOTAL ORR CONTRACT

\$34,724 - 42,926

JOHN MILNER ASSOCIATES

\$74,084.00

MID-ATLANTIC ARCHEOLOGICAL RES.

\$20,762.62

TOTAL MONEY SOUGHT FROM S.H.A.

\*\*\* \$129,570.62 - \$137,772.62 \*\*\*

Vitae for persons not mentioned in your present contract should be appended. It should be stated that all negatives, tape recordings, copied documents, reports, and so forth are to become the property of the SHA.

If I can be of further assistance, please call.

Sincerely,

Tyler Bastian

State Archeologist

c.c. Eugene T. Camponeschi

TB:dt

#### JOHN MILNER ASSOCIATES

309 north matlack street, west chester, pennsylvania 19380 · telephone 215-436-9000

August 18, 1980

Dr. Kenneth G. Orr 115 West Main Street Thurmont, MD 21788

Re: Catoctin Furnace Site 18FR320

Dear Dr. Orr:

Enclosed is a copy of our field notes, feature list, and photographic index relating to the excavations undertaken at Site 18FR30 during the summer of 1979.

Very truly yours,

JOHN MILNER ASSOCIATES

Marie Wilson

Archeological Coordinator

MW/e

Enclosure

#### STATE HIGHWAY ADMINISTRATION

# August

#### CONSULTANT PAYROLL REPORT

EMPLOTEES	ENGAGED ON PROJECT NUMBER			, D	ESCR	IPTIC	NC			1			-		-			2 1 160	7.0		
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THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT PAYROLL REPORT COVERING WORK PERFORMED FOR THE STATE HIGHWAY ADMINISTRATION OF MARYLAND.

SIGNATURE OF CONSULTANT	
-------------------------	--

DATE \_\_\_\_\_

COMMISSION
M. GORDON WOLMAN
CHAIRMAN
S. JAMES CAMPBELL
RICHARD W. COOPER
JOHN C. GEYER
JAMES M. COFFROTH

DIRECTOR KENNETH N. WEAVER

DEPUTY DIRECTOR

EMERY T. CLEAVES

TELEPHONE: 301 235-0771

#### MARYLAND GEOLOGICAL SURVEY

THE JOHNS HOPKINS UNIVERSITY

MERRYMAN HALL

BALTIMORE, MARYLAND 21218

Division of Archeology 1 October 1980

Dr. Kenneth G. Orr Landover House, Apt. 303 3201 Landover Street Alexandria, Virginia 22305

Dear Ken:

In view of the recent influx of a large quantity of artifacts here at our lab from the Catoctin project, I though I'd drop you a note to reemphasize the need for your recommendations concerning conservation of these artifacts. These comments should be included in your final report due 15 October 1980 and should include a discussion of the procedures used by Mrs. Deetz and the conservation measures suggested by her. Hopefully, she can prepare this part of the report for you.

Based on your recommendations, the Division of Archeology will be in a better position to properly store the collection and to advise the State Highway Administration of any additional conservation measures that may be needed.

Thanks for your help and I look forward to the final report on Catoctin.

Sincerely,

Tyler Bastian

State Archeologist

TB:pdt

cc: R. Krolak



#### Maryland Historical Trust

Mr. William F. Schneider, Jr. Chief
Bureau of Project Planning
State Highway Administration
P.O. Box 717
707 North Calvert Street

RE: Contract No. F 522-201-770 U.S. Route 15

> From Putman Road to Maryland Route 15 Archeological Report by Orrand Orr

Dear Mr. Schneider:

We are pleased that Dr. Orr has expressed his willingness to prepare a final report detailing the results of his investigations at Catoctin Furnace.

February 7, 1984

hut a completed.

It is clear from the February 1982 draft report that an attempt was made by the author(s) to address some of the comments presented by the State Archeologist and this office in our respective letters of March 4, 1981 and January 21, 1981. The revisions incorporated into the February, 1982 report do not, however, adequately address all comments. I will reiterate the changes which we feel are the minimum necessary for report acceptance.

It is absolutely necessary that the report be thoroughly edited to remove typographical and spelling errors, instances of missing information (e.g. bottom of p.49) and malapropisms. A professionally prepared map of the entire project area showing all investigated areas in a clear manner would also assist the reader in understanding the presented information. Even though the passage of time since excavation was conducted may have resulted in some artifact deterioration, the author should present recommendations regarding the most significant recovered artifacts which should undergo immediate conservation measures to assure their long-term preservation. A more thorough discussion of recommended procedures for general artifact storage and conservation should be presented as required by the Memorandum of Agreement (1978).

The report should summarize how the work accomplished did or did not fulfill the specifications and research designs presented in

Kong (

Mr. William F. Schneider, Jr. February 7, 1984 Page 2

with the cut

the author's 1979 statement of objectives. It is unclear from the report how well the research designs and specifications succeeded in meeting the research goals of the project.

XB

It is recommended that the artifact inventories (Tables 3-10) and the section on the analysis of bricks from Check 4, Feature 1 be taken out of the main body of the text and be included as appendices. These sections are unnecessary to the main discussion of the text and unnecessarily break-up—the report.

What had

Stipulation I(A)2 of the Memorandum of Agreement (1978) has not been fulfilled. Documentation on the condition and significance of the expanded historic district to determine whether it still meets the Criteria for listing in the National Register should be forwarded to this office and the National Register by FHWA

While this office believes that this report does not compare with the quality of research and data presentation which has characterized most other State Highway Administration cultural resource investigations, it is our belief that the report will adequately fulfill mitigation requirements if a minimum of the above recommended revisions are made. Your assistance in seeing that these recommendations are addressed is appreciated.

Sincerely,

J. Rodney Little

Director

State Historic Preservation Officer

JRL/mbh

cc: Mr. Richard Hughes

Mr. Tyler Bastian

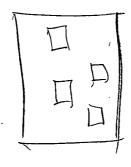
Mr. Ron Anzalone

Mrs. Glen Michel

Mr. G. Bernard Callan

Mr. Nicholas Wood

Ms. Kathy Laffey



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#### (Orr and Son International

ARCHAEOLOGY, ECOLOGY, ANTHROPOLOGY
CONSULTANTS (OSAEAC)
108 TACOMA STREET
THURMONT, MARYLAND 21788

KENNETH G. ORR, PH.D.
PRESIDENT

July 31, 1984

U.S.A. TEL. 301-271-2035 304-725-8545

U.A.E. DUBAI TEL. 231572/285499 TELEX 46175 OTSUAE

Rodney S. Collins, Director Historic Preservation Unit Department of Culture and History Capitol Complex Charleston, West Virginia, 25305

Dear Mr. Collins,

Re: Updating of Archaeolological contractor's list. Letter Collins to Orr May 18, July 24, 1984

Thank you for your reminder letter just received on above captioned subject..... my apologies for tardiness in replying to this important matter. I believe that both my son Ronald and I qualify as contracting archaeologists under the new Federal Regulations on Professional Qualification Standards (Federal Register/Vol. 48, No. 190, Thursday Sept. 29, 1983, Notices). In addition to including my curriculum vitae I am replying directly to the qualification requirements for myself and Ron. He is in the field at the moment but I will request that he send his resume to you directly. My wife Mary Ethel Orr acts as administrative assistant under our direction. She is a B.A. and B.S. from Shephard College, Martinsburg with experience as a cultural domestrator at the Catration but caff Folh Craft Center (July 21/ may 72), BA, enthropy alula 4, 1933-37
MA, authory U. of Church 1946-42
PH.D. authory " 1944. authors alleged
The hand in acloudy pholed-Education of Raveld B. An change King College, Hung Hung Educations - BA. arenes at the hope 1981-MA. Hund College Ecology 1983

July 31, 1984

Rodney S. Collins, Director Historic Preservation Unit Department of Culture and History Capitol Complex Charleston, West Virginia, 25305 Re: Updating of Archaeolalogical contractor's list. Letter Collins to Orr May 18, July 24, 1984

Dear Mr. Collins,

Thank you for your reminder letter just received on above captioned subject.... my apologies for tardiness in replying to this important matter. I believe that both my son Ronald and I qualify as contracting archaeologists under the new Federal Regulations on Professional Qualification Standards (Federal Register/Vol. 48, No. 190, Thursday Sept. 29, 1983, Notices). In addition to including my curriculum vitae I am replying directly to the qualification requirements for myself and Ron. He is in the field at the moment but I will request that he send his resume to you directly. My wife Mary Ethel Orr acts as administrative assistant under our direction. She is a B.A. and B.S. from Shephard College, Martinsburg with experience as



# Maryland Department of Transportation

State Highway Administration

Curvo Lowell K. Bridwell Secretary

M. S. Caltrider Administrator

February 15, 1984

RE: Contract No. F 522-041-771
F.A.P. No. F 909-1 (18)
U.S. Route 15
From Putman Road to Maryland Route 15

Dr. Kenneth Orr 108 Thurmont Street Thurmont, Maryland 21788

Dear Dr. Orr:

In response to your January 3, 1984 letter, we are conveying Mr. Little's February 7, 1984 evaluation of your 1982 revised draft of the final Catoctin Furnace report. We expect that Tyler Bastian's review of the same will be forthcoming shortly. We will forward it to you upon receipt.

We request that you undertake the revisions soon, so that we might proceed to finalize our mitigation project at Catoctin Furnace.

Very truly yours,

Wm. F. Schneider, Jr., Chief Bureau of Project Planning

Louis H. Ege, Jr Chief Environmental Management

WFS:RMS:mcd Attachment

cc: Mr. Tyler Bastian

Mr. Hal Kassoff

Ms. Rita M. Suffness

659-1177

J. Rodney Little, Director State Historic Preservation Officer Maryland Historical Trust 21 State Circle Annapolis, Maryland 21401

SHA Contract No. F 522-201-770 U.S. Rt. 15 from Putnam Road to Md. Rt. 77. Final Catootin Furnace Site Report.

Dear Mr. Little.

Thank you for your letter of Feb. 7, 1984 above captioned subject (thru Mr. Schneider) in reply to my Final Draft submitted February, 1982.

Request is made for the following data to complete the section on "mitigation requirements":

- 1. A list of the sites and objects now listed in the National Register of Historic Places for the expanded historic district of Catoctin Furnace.
- 2. Regulations specifically concerning mitigated historic properties which would apply to Catoctin Furnace.

Please accept my assurances that I am most willing and anxious to bring the archaeological research of this site to a satisfactory conclusion after nearly 10 years of pioneer efforts on its behalf.

I greatly appreciate your kind assistance and good will in this matter.

Sincerely,

Henneth C. Corr Ori

CC:

Wm. F. Schneider, Jr., Chief, Bureau of Project Planning.

hu des:

Last be ofen good help

COMMISSION (
M. GORDON WOLMAN
CHAIRMAN
SARMES CAMPBELL
RICHARD W. COOPER
JOHN C. GEYER
JAMES M. COFFROTH

DIRECTOR KENNETH N. WEAVER

DEPUTY DIRECTOR

EMERY T. CLEAVES

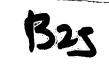
TELEPHONE: 301 235-0771

## MARYLAND GEOLOGICAL SURVEY

THE JOHNS HOPKINS UNIVERSITY

MERRYMAN HALL

BALTIMORE. MARYLAND 21218



Division of Archaeology 12 December 1979

Dr. Kenneth G. Orr, PhD. 115 West Main Street Thurmont, Maryland 21788

Dear Ken:

The State Highway Administration has requested that we transmit to you our comments and suggestions regarding your proposed extension of the Catoctin Furnace project.

We feel, as do you, that both the Land Records and Oral History studies can be invaluable to the archeological interpretation of the Rt. 15 project, especially Checks 3 and 6. However, justification for both studies must be made clear to the eyes of the State Highway Administration.

With respect to the Land Records study, we must demonstrate to State Highway Administration how this will facilitate investigation/interpretation of Check 3 (Foundry) and Check 6 (Cemetery). We should stress that this record search is to be directed at only those features to be impacted by the highway. Also, the intended products of this study - - report, maps, etc. - should be specifically stated.

For the Oral History project, we must demonstrate, aside from overall usefulness, that new questions are to be posed and/or new informant sources are to be tapped. Again, this is to pertain to only State Highway Administration related archeological features. In other words, we cannot propose merely to tape record what we have already heard; new data, with some confirmation of previous information, must be sought. We also feel that it is essential that an archeologist conduct a majority of the interviews. This is to ensure that specific archeological problems are addressed. It is essential that both the Oral History and Land Records studies be completed prior to this Spring's fieldwork so that the results will benefit the field strategy and interpretations of Townsend and Thomas.

The State Highway Administration has stressed that the various aspects of Project Management be more detailed as to what is to be done and what are the responsibilities of each individual on the Project Manager's team during this phase.

We offer the following suggestions for reworking your proposal as we see the needs of the overall project. I discussed some of these points with you on the phone last week, and I suggest we discuss it further to insure its viability before resubmitting.

Ronald A. Thomas, President Mid-Atlantic Archaeological Research, Inc. P.O. Box 676, Newark, Delaware 19711

Dear Ron;

Enclosed please find Thurmont Bank check dated today for the sum of \$1755.96 in partial payment of your invoice #MAAR-M-15-81-1, dated February 4, 1981, the original amount of which is \$2071.71.

The difference, \$315.75, represents a transposition of figures in the total (\$54.00) and an overrun of funds available for MAAR's printing charges (Daukantas, SHA, April 16, 1981).659-1445). I would suggest that you request available funds in your contract to be transposed to cover the printing charges. This should be forwarded through Krolak's office to Daukantas.

With kind regards and best wishes,

Sincerely,

Ken

Kenneth G. Orr, Ph.D. Apt. 303, 3201 Landover Street Alexandria, Va. 22305



## Maryland Department of Transportation

State Highway Administration

James J. O'Donnell Secretary M. S. Caltrider Administrator

April 16, 1981

Orr & Son Apt. 303, Landover House 3201 Landover Street Alexandria, Virginia 22305

Re: F 522-152-770

#### Gentlemen:

Your invoice dated April 4, 1981 in the amount of \$2,071.71 has been approved for payment in the amount of \$1,755.96.

The difference, \$315.75, represents a transposition of figures in the total (\$54.00) and an overrun of funds available for MAAR's printing charges.

If you have any questions, please do not hesitate to contact me.

Very truly, yours,

Albert A. Daukantas

Office of Finance & Program Mgt.

AAD/elt

cc: W. F. Schneider, Jr.

My telephone number is 659-1445

Mid-Atlantic ARCHÆ

P.O. Box 676, Newark, Delaware 19711 (302) 368-5777

February 4, 1981

GICAL RESEARCH, inc.

Dr. Kenneth Orr 3201 Landover Ave. Apt. 303 Alexandria, VA 22305

Dear Dr. Orr:

I am submitting an invoice to cover the work which we have completed to date on the Catoctin Cemetery project. At this time we have fowarded nine copies of the draft final report to Ms. Sufness at the State Highway Administration offices in Baltimore. A copy will be sent to you.

Upon receipt of comments from reviewers we will modify the text, if needed, and submit copies of the final report. In the meantime, I would appreciate it if you would process this invoice.

I anticipate one additional invoice to cover the cost of running and printing the final report. This should be an additiona \$400.00 to \$500.00.

Sincerely yours,

Ronald A. Thomas MAAR President

Mid-Atlantic ARCHÆ

> P.O. Box 676, Newark, Delaware 19711 (302) 368-5777

> > February 4, 1981

Ms. Rita Sufness
Department of Transportation
State Highway Administration, Bureau
of Project Planning 300 W. Preston St.
Baltimore, MD 21203

Dear Ms. Sufness:

I am enclosing a copy of our invoice to Dr. Orr for the work accomplished to date. As I stated during our meeting of last week, the amount due is about \$2,000.00 (\$2,017.71 to be exact). I will have an additional invoice to submit when the final report is completed, this will be for the costs of running copies.

OGICAL RESEARCH, inc.

If there is any way that you can have our invoices processed please attempt to do so. As you know, there are currently three invoices outstanding in the amounts of \$392.16, \$1,639.79 and \$2,017.71 (the enclosed invoice). This totals to \$4,049.66, an amount that has been due, in part, since December and if not processed until Dr. Orr returns, will not be received until possibly May. Our operations make it extremely difficult to have to wait such a long period of time for reimbursement of services rendered. With the low overhead allowed on this project we are actually loosing money through bank loan interest rates, taxes, insurance, etc.

Thank you for you interest and assistance. Please let us know when you receive comments from the reviewers. Can I assume that one copy of the nine which we are submitting to you will go to Dr. Orr?

Sincerely,

Ronald A. Thomas, MAAR President

#### INVOICE

Mid-Atlantic Archaeological Research, Inc. P.O. Box 676 Newark, DE 19711 Invoice # MAAR-M-15-81-1

February 4, 1981

#### SUBMITTED TO:

Maryland Department of Transportation State Highway Administration Catoctin Cemetery Archaeological Investigations Dr. Kenneth Orr, Principal Investigator

## Wages Charged:

Principal Investigator - Ronald A. Thomas

Wage Rate - \$14.02	1/19	8 hours
	1/20	6 hours
	1/26	8 hours
	1/27	4 hours
	1/28	4 hours
	1/29	8 hours
	1/30	4 hours

42 hours = \$588.84

#### Chief Assistant - Sharon Burnston

Wage	Rate -	\$8.25	1/26	8	hours
•			1/27	8	hours
			1/28	8	hours
			1/29	8	hours
			1/30	8	hours

40 hours = 330.00

## Chief Assistant - Robert F. Hoffman

Wage	Rate	\$8.25	1/19	4	hours
			1/20	7	hours
			1/22	5	hours
			1/23	4	hours
			1/26	4	hours
			1/27	6	hours
			1/28	5	hours
			1/29	6	hours

41 hours = \$338.25

\$13.50

#### Assistant - Lauren Archibald Wage Rate \$6.27 1/27 9 hours 1/28 7.5 hours 1/29 8 hours 24.5 hours = \$153.62Assistant - Kenneth Baumgardt Wage Rate - \$6.27 1/26 2.5 hours 1/27 2 hours 4.5 hours =\$28.22 Assistant - Leslie Foster Wage Rate - \$6.27 1/26 4 hours 1/27 6 hours 1/28 5 hours 1/29 5 hours 20 hours = \$125.40 Assistant - Martha Schiek Wage Rate - \$6.27 1/19 6 hours = \$37.62 Assistant - Mary E. Schultz Wage Rate - \$6.27 1/16 6 hours 1/19 6 hours 1/20 6 hours 18 hours = \$112.86 TOTAL WAGES INVOICED \$1,714.81 Mileage Charged: \$7.04 Robert Hoffman 1/22/81 44 miles Martha Schiek 1/19/81 40.4 miles \$6.46

TOTAL MILEAGE INVOICED

## Miscellaneous Items Charged:

Train Fare - Sharon Burnston, Chief Assistant

1/26 11.90° 1/29 9.00

Copies of Draft Report

Binding and 10 Copies \$256.50

Graphics Charges

Back Room Studio

\$12.00

### TOTAL MISCELLANEOUS CHARGES INVOICED

\$289.40

#### SUMMARY OF INVOICE CHARGES:

Wages	\$1,714.81
Mileage	\$13.50
Miscellaneous	\$289.40
Total	\$2,017.71

Please submit check in the amount of \$2,071.71 to Mid-Atlantic Archaeological Research, Inc. at the above address.

Ronald A. Thomas, MAAR President

Date

2-4-81

Mid-Atlantic Archaeological Research, Inc.

Inter-office Bill

For: Draft Final Report - Catoctin Cemetery

January 1981

Copies: 10

Cost: \$256.50 (includes cover, binding and xeroxing)

Ra Thomas

#### INVOICE

Mid-Atlantic Archaeological Research, Inc. P.O. Box 676 Newark, DE 19711 Invoice # MAAR-M-15-81-1

February 4, 1981

## SUBMITTED TO:

Maryland Department of Transportation State Highway Administration Catoctin Cemetery Archaeological Investigations Dr. Kenneth Orr, Principal Investigator

## Wages Charged:

Principal Investigator - Ronald A. Thomas

Wage Rate - \$14.02	1/19	8 hours		
1-11-	1/20	6 hours		
•	1/26	8 hours		
	1/27	4 hours		
	1/28	4 hours		
		8 hours		
	1/30	4 hours		
		42 hours	=	\$588.84
Chief Assistant - Sharon Bur	cnston			
Wage Rate - \$8.25	1/26	8 hours		
,,,,,,,	1/27	8 hours		
		8 hours		
	1/29	8 hours		
	1/30	8 hours		
		40 hours	=	330.00
Chief Assistant - Robert F.	Hoffman			
Wage Rate \$8.25	1/19	4 hours		
mage have yours	1/20	7 hours		
	1/22	5 hours		
	1/23	4 hours		
	1/26	4 hours		
	-, -0	. 110020		

1/27

1/28

1/29

41 hours = \$338.25 ---

6 hours

5 hours

6 hours

Assistant - Lauren Archibald			
Wage Rate \$6.27	1/27 1/28 1/29	9 hours 7.5 hours 8 hours	,
		24.5 hours	= \$153.62
Assistant - Kenneth Baumgardt			
Wage Rate - \$6.27	1/26 1/27	2.5 hours 2 hours	
		4.5 hours =	\$28.22
Assistant - Leslie Foster			
Wage Rate - \$6.27	1/26 1/27 1/28 1/29	4 hours 6 hours 5 hours 5 hours	
· .		20 hours =	\$125.40
Assistant - Martha Schiek			
Wage Rate - \$6.27	1/19	6 hours =	\$37.62
Assistant - Mary E. Schultz			
Wage Rate - \$6.27	1/16 1/19 1/20	6 hours 6 hours 6 hours	
		18 hours =	\$112.86
TOTAL WAGES INVOICED			\$1,714.81
Mileage Charged:			
Robert Hoffman 1/22/8 Martha Schiek 1/19/8	1 44 m 1 40.4 m		\$7.04 \$6.46
TOTAL MILEAGE INVOICED			\$13.50

## Miscellaneous Items Charged:

Train Fare - Sharon Burnston, Chief Assistant

1/26 11.90 1/29 9.00

Copies of Draft Report

Binding and 10 Copies \$256.50

Graphics Charges

Back Room Studio \$12.00

## TOTAL MISCELLANEOUS CHARGES INVOICED

\$289.40

#### SUMMARY OF INVOICE CHARGES:

Wages	\$1,714.81
Mileage	\$13.50
Miscellaneous	\$289.40
Total :	\$2,017.71

Please submit check in the amount of \$2,071.71 to Mid-Atlantic Archaeological Research, Inc. at the above address.

Ronald A. Thomas, MAAR President

nald a. Tha

Date

2-4-81

Mid-Atlantic Archaeological Research, Inc.

Inter-office Bill

For: Draft Final Report - Catoctin Cemetery

January 1981

Copies: 10

Cost: \$256.50 (includes cover, binding and xeroxing)

Ra Thomas

William P. Schneider, Jr. Chief Bureau of Project Planning State Highway Administration Room 310, 707 North Calvert St. Baltimore, Md. 21202 Re: U.S. Route 15, Catoctin
Furnace Archae. Mitigation
Proj. F522-50-770, Burial
Ground. Invoice Feb.4, 81.
Mid-Atlantic Archae. Research, Inc.

Dear Mr. Schneider,

Enclosed please find invoice for above captioned subject for the Mid-Atlantic Archaeological Research, Inc. team:

Grand Total: \$2071.71

Request is made for the sum of \$2071.71 in accordance with accounting attached herein.

Thank you kindly,

Sincerely,

Kenneth G. Orr, Ph.D. Consultant Orr and Son Apt. 303, Landover House 3201 Landover Street Alexandria, Va. 22305 Tel. 703-683-2123

P.S. Please note new telephone number.

Encl: Invoice (3)
Time Sheet (1)
Receipts (3)

Mid-Atlantic ARCHÆ

P.O. Box 676, Newark, Delaware 19711 (302) 368-5777

February 4, 1981

Dr. Kenneth Orr 3201 Landover Ave. Apt. 303 Alexandria, VA 22305

Dear Dr. Orr:

I am submitting an invoice to cover the work which we have completed to date on the Catoctin Cemetery project. At this time we have fowarded nine copies of the draft final report to Ms. Sufness at the State Highway Administration offices in Baltimore. A copy will be sent to you.

Upon receipt of comments from reviewers we will modify the text, if needed, and submit copies of the final report. In the meantime, I would appreciate it if you would process this invoice.

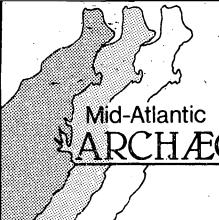
**SICAL RESEARCH** 

I anticipate one additional invoice to cover the cost of running and printing the final report. This should be an additiona \$400.00 to \$500.00.

Sincerely yours,

Ronald A. Thomas MAAR President

Ronald W. Thous



P.O. Box 676, Newark, Delaware 19711 (302) 368-5777

April 9, 1981

Dr. Kenneth G. Orr Apt. 303 Landover House 3210 Landover St. Alexandria, VA 22305

Dear Dr. Orr:

I am glad to hear that you had an interesting time in the U.A.E. I assume that your trip had something to do with your position with the foreign service people rather than as an archaeological expedition. Do you get any opportunity to visit sites when you are in the U.A.E.?

CAL RESEA

Thanks for the information about the Catoctin checks. If you check your records you will see that we have remaining in the 1980 account approximately \$500.00. I have not yet received the final comments on the report but when the modifications recommended have been done I will submit final copies together with a final invoice for about that amount.

Would you please be sure to send out the \$2,017.71 check as soon as you receive it. Please remember that these monies have been expended and I have had to float loans to provide funds. Thanks for your assistance in the past.

Sincerely,

Ronald A. Thomas MAAR President

fil apy

Nov. 5, 1980

Nurether Certy

Paul D. Upton
John E. Harms, Jr. and Associates, Inc.
P.O. Box 5, Pasadena,
Maryland 21122

Re: C243-503-570 Md. Rts. 2-4 Archaeological Survey

Dear Mr. Upton,

Enclosed please find 3 maps sent to me in your letter of Oct. 20, 1980. As requested the limits of the site in Check 18 has been located on the old alignment (scale 1,200') and on the new alignment map (scale 1=50') in terms of the median. Please not that Surface Feature A, house site, is located in terms of both new and old alignment. We didn't have a map of the new alignment and as in dicated in fig. 16 of the final report (Orr & Orr, March 1980, Fig. 16) this was estimated at c.125'west of the old alignment. According to your maps this should read 105' west for the new median in terms of the old. The main feature of the site, a 19th century house foundation (Feature A) is within the right of way of thenew alignment.

I hope these data will be satisfactory. Please contact me if additional information is needed.

Please be advised that I have not yet received a check for invoice submitted to you August 17, 1980 for the sum of \$1842.50. I understnad from Mr. Daukantas of SHA finance section that the required permission to transfer funds not used for a backhoe to services as requested in my invoice has not be forwarded. Would you kindly advise Mr. Krolak's that such a request has been made and ask them to forward the needed permission.

Thank youkindly,

Sincerely,

Kenneth G. Orr, Ph.D. Archaeological Consultant Apt. 303, Landover House 3201 Landover St., Alexandria, Va. 22305 703-836-3544

Received of K.G. Orr the sum of \$250.00 as advance on invoice to the State Highway Administration dated August 17, 1980 for services in preparing final report of Calvert County archaeological survey completed in 1980.

Ronald G. Orr March 5, 1984

August 27, 1981

William P. Schneider, Jr., Chief Re: U.S. Route 15, Catoctin Bureau of Project Planning Furnace Archae. Mitigation State Highway Administration Room 310, 707 North Calvert St. Baltimore, Md., 21203

Furnace Archae. Mitigation Project F522-152-770. Milner Associates, Team A.

Dear Mr. Schneider.

Enclosed please find required documentation for the previously disallowed request for \$25.26 (\$25.6?) concerning costs of P and G Custom Photo Service (See Orr to Cammponeschi, June 23, 1980 and Daukantas to Orr July 10, 1980).

Attached also is Milner request for \$65.00 for expenses in duplicating 5 extra copies of final 1979 report requested by your office (invoice dated March 25, 1981). A further request is made for transfer of funds of the Milner Team A account to covert the \$65.00 invite request (Townsend to Orr, August 20, 1981) to which I agree.

In summary: request is made for the sum of \$90.26 for Milner Associates Team A expenses in accordance with the above information.

Thank you kindly.

Sincerely.

Kenneth G. Orr, Ph.D. Consultant Project F522-152-770 Apt. 303, 3201 Landover St. Alexandria, Va. 22305

Attached: Copies of P and G Custom Photo Service 3/27/80 and 4/15/80 Invoice for 5 copies of final report.

#### JOHN MILNER ASSOCIATES

309 north matlack street, west chester, pennsylvania 19380 · telephone 215-436-9000

August 20, 1981

Dr. Kenneth G. Orr Landover House, Apt. 303 3201 Landover Street Alexandria, VA 22305

Dear Dr. Orr:

I have been asked by our bookkeeping department to request that you process the remaining items from our invoices of May 20 and July 31, 1980. Specifically, these items include a sum of \$25.26 from our invoice dated May 20, 1980, and a requested transfer of funds to cover a cost of \$65.00 for five additional reports and \$83.45 overrun on our 7/31/81 invoice. I have enclosed herewith copies of earlier correspondence to facilitate your handling of this matter.

The 1981 field season at site 18FR320 was a rather successful one which witnessed the discovery of a stratigraphically early raceway cutting through the site from west to east and predating all structural features. I was disappointed that you were not able to visit the site during the period of excavation.

Please advise if you have any questions regarding the invoicing problem.

Sincerely,

JOHN MILNER ASSOCIATES, INC

Alex H. (Townsend

Senior Associate, Archeologist

AHT/pjm Enclosures

COLUMN MANIR 人心のIATES

Dr. Alex Townsend, Director of Archaeology John Milner Assciates 309North Matlack Street WestChester, Pa. 19380

Dear Alex:

Enclosed please find three Thurmont Bank checks for your invoices as follows: (all dated Oct. 27, 1980)

- 1. Feb. 29, 1980 (my invoice Aug. 6, 1980 resubmitted with corrections for balance due).....\$392.47
- 2. May 20, 1980 invoice for sum of \$810.72 minus a difference of \$25.26 representing charges not documented.....\$785.46
  - 3. July 31, 1980 invoice for sum of \$1,289.20 SHA approved for minus \$83.45 representing overrun of funds available for printing and reproduction expenses.....\$1205.75

Please forward appropriate receipts for item #2 above. For Item #3 please forward to me request that SHA approve use of available funds from other categories in which you expect an excess. I will forward these to SHA for balance due.

Request is made for five (5) additional final reports complete with field catelogue to satisfy SHA requirements. Handle billing with request as in item #3 above.

With kind regards and best wishes,

Sincerely,

Kemet B. Ch

Kenneth G. Orr, Ph.D. Consultant Catoctin Furnace Mitigation Project Apt. 303, Landover House 3201 Landover Street Alexandria, Va. 22305 703-836-3544

#### JOHN MILNER ASSOCIATES

309 north matlack street, west chester, pennsylvania 19380 - telephone 215-436-9000

March 25, 1981

Dr. Kenneth G. Orr Apt. 303, Landover House 3201 Landover Street Alexandria, Virginia 22305

Dear Dr. Orr:

In reply to your letter of October 29, 1980, I am enclosing herewith the documentation for the sum of \$25.26. This was noted in item 2 of the aforementioned letter. I would also request that the State Highway Administration allow a transfer of \$148.45 from labor to report printing and reproduction to cover the \$83.45 overrun on our 7/31/81 invoice (item 3 in your letter of 10/29/80) and \$65.00 for five (5) additional final reports requested in your letter. Our records show an excess of funds in the labor category which, in this instance, we would like to use to cover the overrun in the printing category. Please advise if additional backup or documentation is required.

Best regards,

JOHN MILNER ASSOCIATES

Alex H. Townsend

Senior Associate, Archeologist

AHT: 1mh

309 north matlack street, west chester, pennsylvania 19385 - telephone 215-436-9:00

## INVOICE

March 25, 1981

Dr. Kenneth G. Orr, Consulting Archeologist 115 West Main Street Thurmont, MD 21788

Re: F522-083-771
Archeological Investigations at Catoctin Furnace,
Maryland

## Reimbursable Expenses:

5 Copies of final Report -----\$ 65.00

(per your request of 10/29/80)

Amount Due ----- \$ 65:00

#1860

ARCHITECTS · ARCHEOLOGISTS · PLANNERS

## JOHN MILNER ASSOCIATES

309 north matlack street, west chester, pennsylvania 19380 : telephone 215-436-9000

March 25, 1981

Dr. Kenneth G. Orr Apt. 303, Landover House 3201 Landover Street Alexandria, Virginia 22305

Dear Dr. Orr:

In reply to your letter of October 29, 1980, I am enclosing herewith the documentation for the sum of \$25.26. This was noted in item 2 of the aforementioned letter. I would also request that the State Highway Administration allow a transfer of \$148.45 from labor to report printing and reproduction to cover the \$83.45 overrun on our 7/31/81 invoice (item 3 in your letter of 10/29/80) and \$65.00 for five (5) additional final reports requested in your letter. Our records show an excess of funds in the labor category which, in this instance, we would like to use to cover the overrun in the printing category. Please advise if additional backup or documentation is required.

Best regards,

JOHN MILNER ASSOCIATES

Alex H. Townsend

Senior Associate, Archeologist

AHT: 1mh

# P and G CUSTOM PHOTO SERVICE

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# P and G CUSTOM PHOTO SERVICE

28 W., Prescott Ave. (P. O. Box 48) West Chester, Pa. 19380 BUS. 692-2170

RES. 696-7290 Customer's Order No. Name Address SOLD BY PAID OUT QUAN. DESCRIPTION PRICE AMOUNT JMASC DIST. EXT. & ADDS. FOLIO 622-14 APPROVED .. CHQ. # .. TOTAL ALL claims and returned goods MUST be accompanied by this bill.

D. EDWARDS BIEHN WEST CHESTER, PA. 0-341543-U

Krolsh

August 26, 1980

William F. Schneider, Jr., Chief Bureau of Project Planning State Highway Administration 300 West Preston St. Baltimore, Md. 21203 Re: U.S. Rt. 15, Catoctin Furnace Archaeological Mitigation Proje F522-152-770 Invoice May 10-July 11, 1980 John Milner Associates, Inc.

Dear Mr. Schneider:

Enclosed please find invoice for above captioned subject with report of progress for the John Milner Associates archaeological team (Team A)

Grand Total: \$1,289.20

Request is made for the sum of \$1,289.20 in accordance with accounting attached herein.

Thank you kindly,

Sincerely,

Kennette S. Ch.

Kenneth G. Orr, Ph.D. Consultant Orr and Son Apt. 303, Landover House 3201 Landover St. Alexandria, Va. 22305

Attached:

Invoice Time Sheets (2) Report of Progress Receipts (7) 12 sheets ib all



The President University National Bank 1354 East 55th Street Chicago, Illinois 60615

Dear Sir,

Request is made to transfer the sum of five thousand dollars (\$5000.00) from my savings account No. 5105751 to my seventing account 3306951. drechly

Thank you kindly,

Sincerely,

Contra o On

Kenneth G. Orr Apt. 303 Landover House 3201 Landover St. Alexandria, Va. 22305

Ronald Thomas, President
Mid-Atlantic Archaeolggical Research, Inc.
P.O. Box 676, 70 South Chapel St.
Newark, Delaware, 19711

Dear Ron;

Enclosed please find Thurmont Bank check dated Oct. 29, 1980 for the sum of \$7,186.92 in payment for your invoice MAAR-M-16-80-1 dated June 11, 1980.

Request is made for an additional five (5) copies of your final report for 1979 to satisfy SHA needs.

Kind regards and best wishes,

Sincerely,

Kenneth G. Orr, Ph.D. Consultant Apt. 303, Landover House 3201 Landover St. Alexandria, Va. 22305 7052836435444 Dr. John Fauth
Geological Consultant
1 louise St.
Cortland, N.Y. 13045

Dear John;

Enclosed please find Thormont Bank check for the sum of \$75.00 for expenses in duplicating the charts of your final report requested by SHa.

I greatly appreciate you indispensable help you so kindly provide in delicating your good report.

Sincerely,

Kenneth G. Orr, Ph.D.
Archaeological Consultant
Apt. 303, Landover House
3201 Landoer Street
Alexandria, Va. 22305
703-836-3544

Idelity Nov 6 1:45

Dr. Jonathan W. Harrington Geological Consultant 390 Clark St. Ext. Rd. #2 Groton, New York 13073

Dear Dr. Harrington,

Enclosed please find check for \$600.00 on The Bhutmont Bank for preparation of palynological analysis in the Catoctin Furnace Archaeological Mitigation Project.

I greatly appreciated your good efforts.

With kind regards and best wishes.

Sincerely,

Kenith S. On

Kenneth G. Orr, Ph.D. Consultant Catoctin Furnace Mitigatim Project Apt. 303, Landover House 3201 Landover St. Alexandria, Va. 22305 703-836-3544

Betty Comans, Ceramist 122 E. Gorgas Lane Philadelphia, Pa. 19119

Dear Betty.

Enclosed please find Thurmont Bank check for the sum of \$249.50 for your services as ceramist for the Catoctin Furnace Mitigation Project June 22, 23, 1980, and Oct. 8, 1979

I greatly appreciated your excellent help and have found the references youkinly forwarded most useful.

With kind regards and best wishes.

Sincerely,

Keneth S. On

Kenneth G. Orr, Ph.D. Consultant Catoctin Furnace Mitigation Project Apt. 303, Landover House 3201 Landover St. Alexandria, Va. 22305 703-836-3544

Oct. 29, 1980

William F. Schnaider, Jr., Chief Re: U.S. Route 15 - Catoctin Bureau of Project Planning State H ghway Administration 300 W. Preston St. Baltimore. Md. 21203

Furnace Mitigation Project F522-152-770. Extension of time for completion of Final Report 1979

Dear Mr. Schneider.

Request is made for extension of time for due date of Final Report 1979 to Nov. 21, 1980 due to circumstances beyond my control. The reasons for this request are as followw:

- 1. I am in the process of collaborating with Mrs. Edith Dietg, project commervator, on her paper commerning artifact conservation at the Catoctin Furnace site. She was taken to the hospital last week, but will be out in about a week at which time we can resume and complete this important paper.
- 2. It has been necessary to requestadditional copies (now at 12 copies) from my sub-contractors due to a recent requestfra from SHA. It is expected that these will all be in by the date specified above.
  - My car is being repaired (replaced transmission.)
- 4. As you know, we have had to close our laboratory in Thurmont at the request of the owner who wishes to sell the property (Oct. 19, 1980). We had expected to complete the report at the laboratory, but instead had to devote time allowed for the report to shipping all collections from the 1979 excavation to the State Archaeologist's lab. This has necessarily slowed our schedule which is now proceeding at a satisfactory pace to complete the job by the requested deadline above.

Thank you for your kind understanding.

Sincerely. Kennth B. On

Kenneth G. Orr, Ph.D., Consultant Catoctin Furnace Mitigation Project

Apt. 303, Landover House 3201 Landover St. Alexandria, Va. 22305

703-836-3544

Dr. John L. Fauth Geological Consultant 1 Louise Street Cortland, New York, 13045

Dear John:

Enclosed please find check of Thurmont Bank for the sum of \$475.00 for preparation of final report 1979.

In regard to our recent telephone conversation I am looking forward to receiving 13 copies each of your four chart accompanying your report for SHA on the Catoctin Furnace Mitigation Project.

Most grateful for your good help.

Sincerely.

Kenneth G. Orr. Ph.D. Consultant Catoctin Furnace Mitigation Project Apt. 303, Landover House 3201 Landover St., Alexandria, Va. 703-836-3544

James J. O'Donnell Secretary

M. S. Caltrider Administrator

September 8, 1980

Orr & Son Apt. 303, Landover House 3201 Landover St. Alexandria, Virginia 22305

Re: F 522-152-770

#### Gentlemen:

Your invoice dated August 28, 1980 in the amount of \$1,324.50 has been approved for payment in the amount of \$639.50.

The difference, \$685.00, represents an overrun of funds available for Geological Consultants.

If you have any questions, please do not hesitate to contact me.

Very truly yours,

Albert A. Daukantas

Office of Finance & Program

Management

AAD:pm

cc: W. F. Schneider

My telephone number is 383-4366

### IOHN MILNER ASSOCIATES

309 north matlack street, west chester, pennsylvania 19380 · telephone 215-436-9000

## STATEMENT

39247 785.46 1205,75

October 16, 1980

Dr. Kenneth G. Orr, Consulting Archeologist 115 West Main Street Thurmont, MD 21788

F522-083-771 Re:

Archeological Investigations at Catoctin Furnace,

Maryland

Outstanding Invoices:

February 29, 1980 - #1484 (Balance due).

810.72 May 20, 1980 - #1569. July 31, 1980 - #1656 289.20

> . . . . . \$2,492.39 Past Due Amount

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ed sent of. 28, 60

HISTORIC PRESERVATION

Dr. Alex Townsend, Director of Archaeology John Milner Assciates 309North Matlack Street WestChester, Pa. 19380

Dear Alex;

Enclosed please find three Thurmont Bank checks for your invoices as follows: (all dated Oct. 27, 1980)

- **51** Feb. 29, 1980 (my invoice Agg. 6, 1980 resubmitted with corrections for balance due).....\$392.47
- 2. May 20, 1980 invoice for sum of \$810.72 minus a difference of \$25.26 representing charges not documented.....\$785.46
- 3. July 31, 1980 invoice for sum of \$12289.20 SHA approved for minus \$83.45 representing overrun of funds available for printing and reproduction expenses.....\$1205.75

Please forward appropriate receipts for item #2 above. For Item #3 please forward to me request that SHA approve wae of available funds from other categories in which you expect an excess. I will forward these to SHA for balance due.

Request is made for five (5) additional final reports complete with field catelogue to satisfy SHA requirements. Handle billing with request as in item #3 above.

With kind regards and best wishes.

Sincerely.

Kemet B. Chy

Kenneth G. Orr, Ph.D. Consultant Catoctin Furnace Mitigation Project Apt. 303, Landover House 3201 Landover Street Alexandria, Va. 22305 703-836-3544

# Q

## Maryland Department of Transportation

State Highway Administration

James J. O'Donnell Secretary

M. S. Caltrider Administrator

June 12, 1980

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Orr & Son Apt. 303, Landover House 3201 Landover Street Alexandria, Virginia 22305

Re: F 522-152-770

#### Gentlemen:

Your invoice dated May 19, 1980 in the amount of \$3,906.02 has been approved for payment in the amount of \$3,220.84.

The difference \$685.18 represents mileses not desumented and splanice.

The difference, \$685.18, represents mileage not documented, and salaries for October and November which were previously billed.

If you have any questions, please do not hesitate to contact me.

Very truly yours,

Albert A. Daukantas Office of Finance & Program

Management

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AAD:lid

cc: E. T. Camponeschi

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My telephone number is 383-4366



### Maryland Department of Transportation

State Highway Administration

James J. O'Donneil Secretary

M. S. Caltrider Administrator

June 12, 1980

MEMOR ANDUM

TO:

Ms. Gayle M. Seward, Chief

External Auditing Section

ATTENTION:

Mr. Albert A. Daukartas

FROM:

Eugene T. Camponeschi, Chief

Bureau of Project Planning

RE:

F 522-152-770

U.S. Route 15

Catoctin Furnace Mitigation Report

In consultation with Dr. Orr, I have determined that some monies within the principal contractor's portion of the overall contract should be transferred, as per the following schedule.

Money from these portions:

\$ 750.28

Outside consultant (photographer)

1197.12

Outside consultant (industrial archaeologist)

\$1947.40

Total

should be transferred to these other portions:

\$ 100.00

Photography.

300.00

Travel balance

1547.40

Salaries

\$1947.40

Total

If you have any questions, please don't hesitate to call me. Thank you for your assistance.

by:

Richard S. Krolak

ETC:RSK:lcm

cc:

Dr. Kenneth Orr

Rita Suffness

My telephone number is 383-4327



# Maryland Department of Transportation

State Highway Administration

James J. O'Donnell Secretary

M. S. Caltrider Administrator

June 19, 1980

ORR & Son Apt. 303 Landover House 3201 Landover Street Alexandria, Virginia 22305

Re: F 522-152-770

Gentlemen:

Your invoice dated May 13, 1980 in the amount of \$4,406.94 has been approved for payment in the amount of \$4,312.25.

The difference, \$94.69, represents an error in hours for E. F. Heite and duplicate charge for Receipt #24.

If you have any questions, please do not hesitate to contact me,

rebull from

Very truly yours,

Angle, 480 Angle, 480 regionly Veits

Albert A. Daukantas

Office of Finance & Program

Management

AAD/elt

cc: E. T. Camponeschi

Product of the

94,69

383-4366 My telephone number is\_

Dec. 10, 1980

Ronald Thomas, President Nid-Atlantic Archaeological Research, Inc. P.O. Box 676, 70 South Chapel St. Newark, Delaware, 19711

Dear Ron:

Enclosed please find Thurmont Mank check dated Dec. 10, 1980 for the sam of 18870.39 in payment for your invoice dated July 28, 1980.

Chank you for your good conseration in gettingsthe additional copies for the final report of 1979 submitted Nov. 26, 1980. Sharon's report on the 1980 dig at Check 6, burial ground was submitted at the same time.

Kind regards and best wishes for you and yours in the new year.

Sincerely,

Kenneth G. Orr Apt. 303 Landover House 3201 Landover Street Alexandria, Va. 22305

August 6, 1980

Albert A. Daukantas
Office of Finance & Program
Management
State Highway Administration
300 West Preston Street
Baltimore, Md. 21203

Re: U.S. Route 15 Archaeological Mitigation Project F 522-152-770 Your letter dated June 19, 1980

Dear Mr. Daukantas,

In accordance with our telephone conversation please be advised that our invoice dated May 13, 1980 does <u>not</u> present an error in hours for E.F. Heite as asserted in above captioned communication. Request is made for reimbursement of \$75.00/ for Heite's 4 hours of service duly recorded for Jan. 12, 1980 (at \$18.75/hr).in our invoice of May 13, 1980.

Kendth B. Ch

Thank you for rectifying this error.

Sincerely,

Kenneth G. Orr, Consultant, Orr & Son

Apt. 303, Landover House

3201 Landover St., Alexandria, Va. 22305

Dr. Alex Townsend
Director of Archaeology
John Milner Associates, Inc.
309 N. Matlack St.
West Chester, Pa. 19380

Dear Alex:

Enclosed please find two checks on The Thurmont Bank; dated June 23, 1980 for the sum of \$1825.78 (invoice 2/20/80) and \$1699.54 (invoice 2/27/80).

Request is made for the following :

- 1. Final report of your site promised for May 15, 1980.
- Report on investigation of damaged shipment of artifacts in reply to my letter to you dated June 13, a copy of which was sent to SHA, who is requesting a reply.
- Conies of your fieldnotes, your negatives, etc. to accompany your final report.

Thank you for your immediate attention to these pressing requests.

Sincerely,

Kenneth G. Orr. Py.D.
Consultant
Orr and Son
Catoctin Furnace Archaeological Project
115 W. Main St. Thurmont. Md. 21788

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Ronald Thomas, President Mid-Atlantic Archaeological Research, Inc. P.O. Box 676 Newark, Delaware 19711

Dear Ron,

Enclosed please find Thurmont Bank check for the sum of \$523.25 in payment of your invoice of July 28, 1980 (MAAR-CF-80-3b).

Hope all goes well. Kindest regards.

Sincerely,

Kan

Kenneth G. Orr, Ph.D.
Consultant, Catoctin Furnace Archaeological
Mitigation Project
Apt. 303, Landover House
3201 Landover St.
Alexandria, Va. 22305

p.s. I told Hoffman all I know about our other invoices at this time.

Κ.

	CHECK 65-116 KENNETH G. ORR 550
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P	ORDER OF Mid-atlente Archaeological Resemblue \$ 523,25
3)	- Five hundred and twenty three DOLLARS 25 CENTS
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	THE THURMONT BANK B Kenneth B. C.
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### September 25, 1980

William P. Schneider, Jr., Chief Bureau of Project Planning State Highway Administration 300 West Preston St. Baltimore, Md. 21203

Re: U.S. Rt. 15, Catoctin Furnace Archaeological Mitigation Proj. F522-152-770 Re-Invoice Orr and Son invoice 8/28/80

Dear Mr. Schneider,

The following is a re-invoice for Orr and Son's invoice above captioned subject dated 8/28/40 as corrected by letter from Daukantas to Orr dated Sept. 8, 1980 and Letter Orr to Schnedier dated Sept. 23, 1980.

### Consultant's Team Invoice

John L. Fauth, Geological Consultant

Preparation and Compilation of final report 5.6666 hours @ \$15.00/hr. #

\$85.00

Jonathan W. Harrington, Botanist Consultant

Preparation of Final Analysis (Palynological) 40 hours @ \$15.00

\$685.00

(Consultants invoices in 8/28/80 invoice)\*

Request is made for the sum of \$685.00, which, together with the sum of \$639.50 already authorized (Daukantas to Orr, Sept. 8, 1980) would complete the 8/28/80 invoice of \$1324.50 as required.

Thank you kindly,

Sincerely,

Keneth B. On

Kenneth G. Orr, Ph.D. Consultant Apt. 303, Landover House 3201 Landover St. Alexandria, Va. 22305

\* Harrington's corrected invoice as per letter Orr to Schneider, Sept. 23, 1980 attached.

#Request for transfer of \$85.00 from transportation fund to service fund requested in letter Orr to Schneider, Sept. 23, 1980.

# JONATHAN W. HARRINGTON, PH. D. GEOLOGICAL CONSULTANT 390 CLARK ST. EXT., R. D. #2 GROTON, NEW YORK 13073

(607) 898-3421

August 12, 1980

### INVOICE

Services rendered to Orr & Son, Archaeological Consultant:

40 hours of laboratory time in preparation of palynological analyses at the rate of \$15.00/hour

Amount Due

\$ 600.00

Respectfully submitted,

Jonathan W. Harrington, Ph.D. Geological Consultant\*

AIPG #3528

JWH:1gh

\* Botanist - Dr. Harrington, a palynological geologist studied muck lithologies from the Catoctin Furnace ponds (tree spores - palynomorphs) and performed the function of "Botanist" as required in the contract F522-152-770.

Kenneth G. Orr, Ph.D. Project Consultant Sept. 25, 1980 hote sept. 25. Pentiner in these. pho

Reı

August 28, 1980

William F. Schneider, Jr. Chief Bureau of Project Planning State Highway Administration 300 West Preston St. Baltimore, Md. 21203 U.S. Rt. 15, Catoctin Furnace Archaeological Mitigation Proj. F522-152-770 Invoice, Consultant's Team Outside Specialists Oct. 1979, Aug. 1980.

Dear Mr. Schneider.

Enclosed please find invoice for the above captioned subject with report of progress for the services rendered:

### Consultant's Team Invoice

### John L. Fauth, Geological Consultant

Preparation and compilation of final report 31.67 hrs @ \$15.00/hr. (Invoice 1)	\$475.00	M
Jonathan W. Harrington, Geological Consultant (Palynological)	•	8001.31 1950
Preparation of palynological analyses 40 hrs @ \$15.00/hr. (Invoice 2)	600.00	Pd.
Betty J. Coasans, Ceramist		od 3 (
Ceramic analysis 28 hours @ \$7.50/hr. (Invoice 3)	210.00	asc
Lodgings: At SHA laboratory in Thurmont (no charge - 6/21/80)		
Food: 6/21 6/22	12.00 6.00	`
Transportation: Greyhouse Bus PhilaGettys- burg, Pa. and return (Receipt 1)	21.50 249.50	PX-
Grand Total	\$1324.50	0036

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(Orr to Schneider, p.2 August 28, 1980)

Request is made for the sum of \$1324.50 in accordance with the above accounting.

Thank you kindly,

Sincerely,

Kameth B. Ch

Kenneth G. Orr, Ph.D. Consultant Apt. 303, Landover House 3201 Landover St. Alexandria, Va. 22305

### Attached:

3 invoices, 1 receipt ... 4 pages in all.

(Orr to Schneider, Aug. 28, 1980, p.3)

INVOICE 4

CATOCTIN-ROUTE 15 SALVAGE AND MITIGATION PROJECT

Preparation and compilation of final report by the geological consultant: \$475.00

Report submitted August 13, 1980

FOHN L. FAUTH Geological Consultant

l Louise Street

Cortland, New York 13045

ohn I fauth

August 13, 1980

(Orr to Schneider, Aug. 28, 1980, p. 3)

# INvoice 3

To Dr. Kenneth Orr From: Betty J. Cosans Re: Professional services 10/8/79, 6/22-23/80

8 October, 1979	8 hrs. @ \$7.50 4 Hrs. @ \$7.50	\$60.00 \$30.00
72m23 June, 1980	8 hrs. @ \$7.50 4 hrs. @ \$7.50 4 hrs. @ \$7.50	\$60.00 \$30.00 \$30.00

# RECENIET 1

